

§ 219.15 Vegetation management practices.

When vegetation is altered by management, the methods, timing, and intensity of the practices determine the level of benefits that can be obtained from the affected resources. The vegetation management practices chosen for each vegetation type and circumstance shall be defined in the forest plan with applicable standards and guidelines and the reasons for the choices. Where more than one vegetation management practice will be used in a vegetation type, the conditions under which each will be used shall be based upon thorough reviews of technical and scientific literature and practical experience, with appropriate evaluation of this knowledge for relevance to the specific vegetation and site conditions. On National Forest System land, the vegetation management practice chosen shall comply with the management requirements in § 219.27(b).

§ 219.16 Timber resource sale schedule.

In a forest plan, the selected forest management alternative includes a sale schedule which provides the allowable sale quantity. The sale schedule of each alternative, including those which depart from base sale schedules, shall be formulated in compliance with § 219.12(f) and paragraphs (a) and (b) of this section.

(a) Alternatives shall be formulated that include determinations of the quantity of the timber that may be sold during each decade. These quantity determinations shall be based on the principle of sustained yield and shall meet the management requirements in § 219.27. For each alternative, the determination shall include a calculation of the long-term sustained-yield capacity and the base sale schedule and, when appropriate, a calculation of timber sale alternatives that may depart from the base sale schedule as provided in paragraphs (a)(1) through (a)(3) of this section.

(1) For the base sale schedules, the planned sale for any future decade shall be equal to, or greater than, the planned sale for the preceding decade, provided that the planned sale is not greater than the long-term sustained-

yield capacity consistent with the management objectives of the alternative.

(2) The determinations of the appropriate long-term sustained-yield capacities, base sale schedules, and departure alternatives to the base sale schedules shall be made on the basis of the guidelines which follow:

(i) For the long-term sustained-yield capacities and the base sale schedules, assume intensities of management and degree of timber utilization consistent with the goals, assumptions, and requirements contained in, or used in, the preparation of the current RPA Program and regional guide. For the base sale schedule, the management and utilization assumptions shall reflect the projected changes in practices for the four decades contained in, or used in, the preparation of the current RPA Program and regional guide. Beyond the fourth decade, the assumptions shall reflect those projected for the fourth decade of the current RPA Program, unless there is a basis for a different assumption;

(ii) For alternatives with sale schedules which depart from the corresponding base sale schedule, assume an appropriate management intensity;

(iii) In accordance with the established standards, assure that all even-aged stands scheduled to be harvested during the planning period will generally have reached the culmination of mean annual increment of growth. Mean annual increment shall be based on expected growth, according to management intensities and utilization standards assumed in paragraphs (a)(2) (i) and (ii) of this section and on forest type and site quality. Mean annual increment shall be expressed in cubic measure. Alternatives which incorporate exceptions to these standards shall be evaluated if it is reasonable to expect that overall multiple use objectives would be better attained. Alternatives which incorporate exceptions to these standards are permitted for the use of sound silvicultural practices, such as thinning or other stand improvement measures; for salvage or sanitation harvesting of timber stands which are substantially damaged by fire, windthrow, or other catastrophe, or which are in imminent danger from

insect or disease attack; for cutting for experimental and research purposes; or for removing particular species of trees, after consideration has been given to the multiple uses of the area being planned and after completion of the public participation process applicable to the preparation of a forest plan; and

(iv) Each sale schedule shall provide for a forest structure that will enable perpetual timber harvest which meets the principle of sustained-yield and multiple-use objectives of the alternative.

(3) Alternatives with sale schedules which depart from the principles of paragraph (a)(1) of this section and which will lead to better attaining the overall objectives of multiple-use management shall be evaluated when any of the following conditions are indicated:

(i) None of the other alternatives considered provides a sale schedule that achieves the assigned goals of the RPA Program as provided in § 219.4(b);

(ii) High mortality losses from any cause can be significantly reduced or prevented or forest age-class distribution can be improved, thereby facilitating future sustained-yield management; or

(iii) Implementation of the corresponding base sale schedule would cause a substantial adverse impact upon a community in the economic area in which the forest is located.

(iv) It is reasonable to expect that overall multiple-use objectives would otherwise be better attained.

(b) The sale schedule of the management alternative selected in accordance with § 219.12 provides the allowable sale quantity for the first plan period.

§ 219.17 Evaluation of roadless areas.

(a) Unless otherwise provided by law, roadless areas within the National Forest System shall be evaluated and considered for recommendation as potential wilderness areas during the forest planning process, as provided in paragraphs (a) (1) and (2) of this section.

(1) During analysis of the management situation, the following areas shall be subject to evaluation:

(i) Roadless areas including those previously inventoried in the second roadless area review and evaluation (RARE II), in a unit plan, or in a forest plan, which remain essentially roadless and undeveloped, and which have not yet been designated as wilderness or for nowilderness uses by law. In addition, other essentially roadless areas may be subject to evaluation at the discretion of the Forest Supervisor.

(ii) Areas contiguous to existing wilderness, primitive areas, or administratively proposed wildernesses, regardless of which agency has jurisdiction for the wilderness or proposed wilderness;

(iii) Areas that are contiguous to roadless and undeveloped areas in other Federal ownership that have identified wilderness potential; and

(iv) Areas designated by Congress for wilderness study, administrative proposals pending before Congress, and other legislative proposals pending which have been endorsed by the President.

(2) For each area subject to evaluation under paragraph (a)(1) of this section, the determination of the significant resource issues, which in turn affect the detail and scope of evaluation required by the Forest Service, shall be developed with public participation. As a minimum, the evaluation shall include consideration of:

(i) The values of the area as wilderness;

(ii) The values foregone and effects on management of adjacent lands as a consequence of wilderness designation;

(iii) Feasibility of management as wilderness, in respect to size, non-conforming use, land ownership patterns, and existing contractual agreements or statutory rights;

(iv) Proximity to other designated wilderness and relative contribution to the National Wilderness Preservation System; and

(v) The anticipated long-term changes in plant and animal species diversity, including the diversity of natural plant and animal communities of the forest planning area and the effects of such changes on the values for which wilderness areas were created.

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